

FIGURE 5: 5/44 LIGHT CHAIN SEQUENCE GRAFT DESIGN

	10	20	30	40	50
V _L	DVVVTQTPLSLPVSFGDQVSISC	RSSQSLANSYGNFLS	WYLHKPGQSPQLLIY		
DPK9	DIQMTQSPSSLSASVGDRVITIC		WYQQKPGKAPKLLIY		
gL1	DVQVTQSPSSLSASVGDRVITIC	RSSQSLANSYGNFLS	WYLHKPGKAPQLLIY		
gL2	DV _V VVTQSPSSLSASVGDRVITIC	RSSQSLANSYGNFLS	WYL _H HKPGKAPQLLIY		
	60	70	80	90	100
V _L	GISNRFS GVPDRFTGSGSGTDFTLKIISTIKPEDLGMYC		LQGTHQPYT		
DPK9	GPVSRFSGSGSGTDFTLTISSLQPEDFATYYC				
gL1	GISNRFS GVP _D RFSGSGSGTDFTLTISSLQPEDFATYYC		LQGTHQPYT		
gL2	GISNRFS GVP _V DRFSGSGSGTDFTLTISSLQPEDFATYYC		LQGTHQPYT		
	110				
V _L	FGGGTKLEIKR				
JK1	FGQGTTKVEIKR				
gL1	FGQGTTKVEIKR				
gL1	FGQGTTKVEIKR				